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STMT (303)  
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: )  
COLEMAN JR. ET AL. )

Serial No. 10/603,843 )

Filing Date: JUNE 25, 2003 )

Confirmation No. 5556 )

For: CHIRP-BASED METHOD AND )  
APPARATUS FOR PERFORMING PHASE )  
CALIBRATION ACROSS PHASED ARRAY )  
ANTENNA )

Atty Docket No.:  
51325 (GCSD1452 H7373)

Art Unit:  
3662

TRANSMITTAL OF PROPERTY RIGHTS STATEMENT

Commissioner for Patents  
ATTN: Licensing and Review  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In reply to the communication dated March 4, 2004, the following Property Rights Statement, attached on a separate page, is respectfully submitted in connection with the above-identified application.

Should any minor informalities need to be addressed, the Examiner is encouraged to contact the undersigned attorney at the telephone number listed below.

Please charge any shortage in fees due in connection with the filing of this paper, including Extension of Time fees, to Deposit Account No. 08-0870 and please credit any excess fees to such deposit account.

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In re Patent Application of:  
**COLEMAN, JR. ET AL.**  
Serial No. 10/603,843  
Filed: JUNE 25, 2003

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Respectfully submitted,



CHARLES E. WANDS  
Reg. No. 25,649

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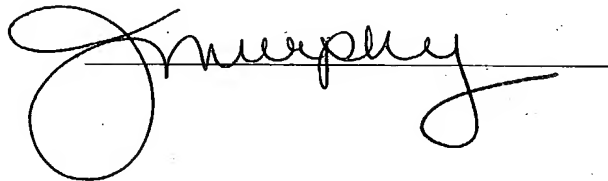


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PATENT TRADEMARK OFFICE

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, ATTN: Licensing and Review, P. O. Box 1450, Alexandria, VA 22313-1450, on this 16 day of March, 2004.



PROPERTY RIGHTS STATEMENT

We John Roger COLEMAN, JR.; Travis Sean MASHBURN

citizens of United States of America

residing at 2027 Mattison Drive, N.E., Palm Bay, FL 32905; 2444 Kingdom Ave., Melbourne, FL 32934

declare:

That we made and conceived the invention described and claimed in patent application

Serial No. 10/603,843 filed in the United States of America on June 25, 2003

Titled: Chirp-Based Method And Apparatus For Performing Phase Calibration Across Phased Array Antenna

(Check and complete either I or II below)

☒ I. That we made and conceived this invention while employed by Harris Corporation. That the invention is related to the work we are employed to perform and was made within the scope of our employment duties; that the invention was made during working hours and with the use of facilities, equipment, materials, funds, information and services of Harris Corporation.

-OR-

☐ II. (For Self-Employed Inventors) That I (we) made and conceived this invention on my (our) own time using only my (our) own facilities, equipment, materials, funds, information and services. Other relevant facts are \_\_\_\_\_.

(Check and complete either III or IV below)

That to the best of our knowledge and belief:

☐ III. The invention was not made or conceived in the course of, or in connection with, or under the terms of any contract, subcontract or arrangement entered into with or for the benefit of the United States Atomic Energy Commission or its successors: Energy Research and Development Administration of the Department of Energy.

-AND/OR-

☒ IV. The invention was not made (conceived or first actually reduced to practice) under nor is there any relationship of the invention to the performance of any work under any contact of the National Aeronautics and Space Administration.

The undersigned Inventors declare further that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Inventor's Signature: John Roger COLEMAN, JR.

Post Office Address 2027 Mattison Drive, N.E., Palm Bay, FL 32905

Date: MARCH 9, 2004

Inventor's Signature: Travis Sean MASHBURN

Post Office Address 2444 Kingdom Ave., Melbourne, FL 32934

Date: MARCH 10, 2004

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MAR 25 2004  
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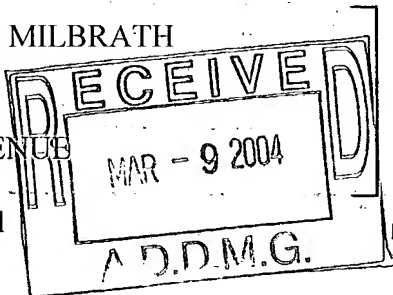


**IFW**  
**UNITED STATES DEPARTMENT OF COMMERCE**  
**Patent and Trademark Office**

Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

SERIAL NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/603,843	06/25/03	COLEMAN, ET AL.	51325 (GCSD-1452)

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EXAMINER	
ART UNIT	PAPER NUMBER
PATENT & TRADEMARK OFFICE	

DATE MAILED: **MAILED**

**MAR 4 2004**

**LICENSING & REVIEW**

**IF NO RESPONSE TO THIS NOTICE IS RECEIVED WITHIN FORTY-FIVE DAYS, A  
FORMAL REQUIREMENT WILL BE ISSUED**

The subject matter of this application appears to:

☐ be "useful in the production or utilization of special nuclear material or atomic energy" as recited in 42 U.S.C. 2182 (Department of Energy (DOE)).

☒ "have significant utility in the conduct of aeronautical and space activities" as recited in 42 U.S.C. 2457 (National Aeronautics and Space Administration (NASA)).

Accordingly, no patent can issue on this application unless applicant(s) file a statement (under oath or in the form of a declaration as provided by 37 CFR 1.68) setting forth (1) the full facts concerning the circumstances under which the invention was made and conceived and (2) the relationship (if any) of the invention to the performance of any work under any contract or other arrangement with the Agency(ies) noted above. On the reverse side of this form is an example of an acceptable format for this statement. The language appearing in paragraphs III and/or IV of the example *must* appear if applicant is attempting to establish that no relationship (under item 2 above) exists.

If the invention disclosed in this application was developed under a contract, grant or cooperative agreement between the Agency indicated above and a person, small business or non-profit organization and rights to the invention have been determined by specific reference to 35 U.S.C. 202 in the contract, grant or cooperative agreement, then applicant need not submit the statement described above. Instead, applicant may file a verified statement (under oath or in the form of a declaration, 37 CFR 1.68) setting forth the information required by 35 U.S.C. 202(c)(6).

IF NO STATEMENT HAS BEEN RECEIVED WITHIN FORTY-FIVE DAYS OF THE MAIL DATE INDICATED ABOVE, a formal requirement for statement will then be issued. No provision is made for extension of the statutory thirty-day period for response to the formal requirement and the penalty for failure to file an acceptable and timely statement is abandonment of the application. Therefore, applicants are strongly encouraged to submit a statement at this time in order to avoid the issuance of a formal requirement.

IT IS IMPORTANT TO NOTE that the statement must accurately represent the property rights situation of the claimed invention if and when the application is found allowable. Thus, if during prosecution before the examiner, the claimed invention is so altered or the property rights situation so changed as to impact the accuracy of a statement submitted earlier, a supplemental statement must be filed. Failure to submit such additional information where appropriate may be considered a false representation of material facts and render the patent owner vulnerable to loss of patent rights and other sanctions as set forth in the statutes. The PTO will not review allowed applications for this possibility. The responsibility for complying with the statutes rests with the applicants.

Any questions regarding this requirement should be directed to Licensing and Review at ~~(202) 305-0241~~

**(103) 305-0241**

**PLEASE DIRECT ALL COMMUNICATIONS RELATING TO THIS MATTER TO THE  
ATTENTION OF LICENSING AND REVIEW**

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ALLEN, DYER, DOPPELT  
MILBRATH & GILCHRIST, P.A.

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# **First Class Mail** **First Class Mail**

Assistant Commissioner for

Patents

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Alexandria, VA 22313

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